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Amendment and/or Response
Reply to Office action of 23 March 2006

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Listing of the Claims:

A clean version of the entire set of pending claims is submitted herewith per 37 CFR 1.121(c)(3). This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Original) A system for video content-based selection of programming for recording comprising:

a connection for receiving broadcast programming; and
an image processor comparing a demodulated field from the received broadcast programming to a template defining characteristics of video content desired to be recorded and saving the field in response to determining at least a threshold level of similarity between the field and the template.

2. (Original) The system as set forth in Claim 1 wherein the template defines color characteristics and spatial distribution of regions to be compared to the demodulated field for determining a level of similarity.

3. (Original) The system as set forth in Claim 2 wherein the template includes white regions of expected variability which are ignored in comparing the template to the demodulated field.

4. (Original) The system as set forth in Claim 1 wherein the image processor continuously compares demodulated fields for a selected channel to the template.

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5. (Original) The system as set forth in Claim 1 wherein the image processor compares demodulated fields for a selected channel to the template during a predefined period.

6. (Original) The system as set forth in Claim 1 wherein the image processor compares successive demodulated fields to the template and saves all demodulated fields having at least the threshold level of similarity with the template together with associated audio.

7. (Original) The system as set forth in Claim 1 wherein the image processor compares demodulated fields for a plurality of channels each to a designated template from one or more templates.

8. (Original) A video receiver comprising:

- a connection for receiving broadcast programming;
- a tuner demodulating fields from the received broadcast programming;
- nonvolatile storage containing one or more templates defining characteristics of video content desired to be recorded; and
- an image processor comparing a demodulated field to a template and saving the field in response to determining at least a threshold level of similarity between the field and the template.

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9. (Original) The video receiver as set forth in Claim 8 wherein the template defines color characteristics and spatial distribution of regions to be compared to the demodulated field for determining a level of similarity.

10. (Original) The video receiver as set forth in Claim 9 wherein the template includes white regions of expected variability which are ignored in comparing the template to the demodulated field.

11. (Original) The video receiver as set forth in Claim 8 wherein the image processor continuously compares demodulated fields for a selected channel to the template.

12. (Original) The video receiver as set forth in Claim 8 wherein the image processor compares demodulated fields for a selected channel to the template during a predefined period.

13. (Original) The video receiver as set forth in Claim 8 wherein the image processor compares successive demodulated fields to the template and saves all demodulated fields having at least the threshold level of similarity with the template together with associated audio.

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14. (Original) The video receiver as set forth in Claim 8 wherein the image processor compares demodulated fields for a plurality of channels each to a designated template from one or more templates.

15. (Original) A method of video content-based selection of programming for recording comprising:

obtaining a field from broadcast programming;

comparing the field from the broadcast programming to a template defining characteristics of video content desired to be recorded; and

saving the field in response to determining at least a threshold level of similarity between the field and the template.

16. (Original) The method as set forth in Claim 15 wherein the step of comparing the field from the broadcast programming to a template defining characteristics of video content desired to be recorded further comprises:

comparing the field to a template defining color characteristics and spatial distribution of regions to be compared to the demodulated field for determining a level of similarity.

17. (Original) The method as set forth in Claim 16 wherein the step of comparing the field from the broadcast programming to a template defining characteristics of video content desired to be recorded further comprises:

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comparing the field to a template including white regions of expected variability which are ignored in comparing the template to the demodulated field.

18. (Original) The method as set forth in Claim 15 wherein the step of comparing the field from the broadcast programming to a template defining characteristics of video content desired to be recorded further comprises:
continuously comparing fields for a selected channel to the template.

19. (Original) The method as set forth in Claim 15 wherein the step of comparing the field from the broadcast programming to a template defining characteristics of video content desired to be recorded further comprises:
comparing fields for a selected channel to the template during a predefined period.

20. (Original) The method as set forth in Claim 15 wherein the step of comparing the field from the broadcast programming to a template defining characteristics of video content desired to be recorded further comprises:
comparing successive fields to the template and saves all fields having at least the threshold level of similarity with the template together with associated audio.

21. (Original) The method as set forth in Claim 15 wherein the step of comparing the field from the broadcast programming to a template defining characteristics of video content desired to be recorded further comprises:

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comparing fields for a plurality of channels each to a designated template from one or more templates.

22. (Original) A datastream for use with a video receiver comprising:
a broadcast programming stream including selected broadcast programming;
and

at least one template defining characteristics of video content desired to be recorded, wherein the at least one template is suitable for being employed by the video receiver to select a portion of the broadcast programming stream for recording based upon similarity of a field within the selected portion of the broadcast programming stream to the at least one template.

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